

WHAT IS CLAIMED IS:

1. A battery pack including a plurality of secondary batteries within an outer case comprising:

an adhesive having a thermal conductivity of more than  
5 0.4 W/mK ( $0.96 \times 10^{-3}$  cal/cm·sec·°C) is provided at a gap between said plurality of secondary batteries and said outer case.

2. The battery pack as cited in claim 1, wherein said adhesive includes metal powder of more than 20 wt%.

10

3. A battery pack including a plurality of secondary batteries within an outer case comprising:

a gel filler having a thermal conductivity of more than  
0.4 W/mK ( $0.96 \times 10^{-3}$  cal/cm·sec·°C) is provided at a gap between  
15 said plurality of secondary batteries and said outer case.

4. A battery pack including a plurality of secondary batteries within an outer case comprising:

a gel sheet having pressure deformable gel function and having  
20 a thermal conductivity of more than 0.4 W/mK ( $0.96 \times 10^{-3}$  cal/cm·sec·°C) is provided at a gap between said plurality of secondary batteries and said outer case.

5. A battery pack including a plurality of secondary batteries  
25 within an outer case comprising:

a pressure deformable flat rubber sheet having a thermal conductivity of more than 0.4 W/mK ( $0.96 \times 10^{-3}$  cal/cm·sec·°C) is provided at a gap between said plurality of secondary batteries and said outer case.

30